

CLAIMS

1. Pharmaceutical compositions for intraperitoneal administration containing keto-acids and their pharmaceutically acceptable salts as a dietary supplement for patients with renal failure or weakness.

2. Compositions according to claim 1 containing keto-acids selected from the group consisting of keto-isoleucine, keto-leucine, keto-phenyl alanine, keto-valine, keto-hydroxy-methionine and mixtures thereof.

3. Compositions according to claim 1 or claim 2 containing a keto-acid selected from the following group, in the quantities indicated:

keto-isoleucine 0.1-1.9 g;

keto-leucine 0.1-2.2 g;

keto-valine 0.30-2.10 g;

keto-hydroxy-methionine 0.1-1.5 g;

and their mixtures for 100 g of final formulation.

4. Compositions according to any preceding claims, containing keto-acids in association with aminoacids.

5. Compositions according to claim 4, containing an amino-acid selected from the following group, in the quantities indicated:

L-phenyl-alanine 0.10-1.90 g;

L-lysine 0.5-2.5 g;

L-threonine 0.2-2.0 g;

L-histidine 0.1-1.0 g;

L-tyrosine 0.01-0.2 g;

and their mixtures to 100 g of final formulation.

6. Compositions according to claim 4, containing aminoacids selected from the following group, in the quantities indicated:

L-phenyl-alanine 0.1-1.5 g

L-lysine 0.5-2.5 g

L-threonine 0.2-2.0 g

L-histidine 0.1-1.5 g

L-tyrosine 0.01-1.0 g

L-serine 0.05-1.5 g

L-tryptophan 0.05-1.0 g

L-alanine 0.05-2.5 g

L-arginine 0.3-2.5 g

Glycine 0.03-1.5 g

L-proline 0.1-1.5 g

and their mixtures to 1000 ml of final formulation.

7. Compositions according to claim 6 containing the following compounds, in the quantities indicated:

Na lactate 2.0-8.0 g

NaCl 2.0-10 g

MgCl₂ 0.01-1 g

HCl q.s. to pH 6.5-7.0

H₂O q.s. 1000 ml

8. Compositions according to any of claims 1 to 7 containing keto-acids, aminoacids and vitamins.

9. Compositions according to claim 8 containing water-soluble vitamins of group B.

10. Compositions according to claim 9, containing vitamins selected from the group which consists of vitamin B1, vitamin

B2, vitamin B6, vitamin B12, nicotinamide, D-panthothenol and mixtures thereof.

11. Compositions according to any of claims 1 to 10, containing salts with cations of said keto-acids, optionally with added inorganic and organic salts.

12. Compositions according to any of claims 1 to 11, dissolved in strictly aqueous solutions suitable for parenteral administration.

13. Compositions according to any of claims 1 to 12 in packaging containing multi-dose, mono-dose, daily mono-dose ready for use or alternatively to be dissolved ready for use.

14. The use of a composition according to any of claims 1 to 13 for the preparation of a pharmaceutical for intraperitoneal administration as a dietary supplement in the treatment of patients with renal failure or weakness.